

ABSTRACT OF THE DISCLOSURE

5       The presently claimed invention provides methods for identifying single  
nucleotide polymorphisms (SNPs) whose state segregate with gene expression data. In  
an exemplary embodiment, samples from individuals are hybridized with arrays that are  
capable of detecting SNP states and gene expression. Methods, computer software  
products and systems are provided to identify the genes whose expression is affected by  
the states of SNPs.

100160" 091001